PROVISIONING REQUIREMENTS INTRODUCTION

This section provides requirements/specifications for Contractor's use in submitting Provisioning Data Products and participating in the provisioning process with the Government.

PROVISIONING REQUIREMENTS STATEMENT (PRS)

This PRS applies only to NAVSEA Standard Work Item Availability and Repair Contracts. It invokes the requirements and specifications for submitting Provisioning Data and participating in the provisioning process with the Government.

i. Prime Provisioning Activity. The Prime Provisioning Activity (PPA)/Technical Support Activity (TSA) will be the Government Activity that is listed on the Contract Data Requirements List (CDRL) for delivery of the LMI Data Products. The PPA/TSA for this contract is:

COMMANDING OFFICER
NAVAL SURFACE WARFARE CENTER, CARDEROCK DIVISION
NAVAL SHIP SYSTEMS ENGINEERING STATION
NAVAL BUSINESS CENTER
PHILADELPHIA, PA 19112-5083
ATTN: CODE 9353

ii. Correspondence. Address all correspondence, Provisioning Data Products, Engineering Data for Provisioning (EDFP) documentation, etc., pertaining to spare/repair parts provisioning and related data items to the PPA/TSA.

iii. Special Tools and Test Equipment. STTE shall be included in the Provisioning Parts Lists (PPLs).

iv. Vendors/Subcontractors. When the prime contractor buys end articles or a portion thereof from a vendor/subcontractor, the prime contractor shall impose this specification upon its vendors/subcontractors. The inclusion of the requirement for such data on contractor's subcontracts/purchase orders to its vendor/subcontractors does not relieve the prime contractor of its obligation to insure timely delivery of the required Provisioning Data Products, EDFP, and other provisioning deliverables.

v. Logistics Management Information (LMI) Worksheet. The LMI Worksheet included in this PRS is modified for Navy use.

vi. The Provisioning Statement of Work (SOW) was modified for this contract. Paragraphs/Sections that did not apply to this contract were deleted and therefore, the paragraph numbers are missing for the deleted paragraphs/sections.

DATA PRODUCT DELIVERABLE:

This worksheet is used to select data deemed necessary by the government. Data should be used to feed down stream government process.

SELECT	EXPLANATION		
A	As applicable	N	New “P” source code items
B	Packaging, Bulk items	O	“Ref” items only
C	COTS items	P	All “P” source code items
D	Developmental items	R	Repairables only
E	Support Equipment	S	SRA/SRU items
F	First appearance items only	T	Registered Support Equipment Only
I	NDI items	U	Non-Registered Support Equipment Only
L	LRU/WRA items	Y	National Stock Number items
M	Packaging, Common items	X	Data product required on all items

NOTE: Other codes may be assigned by the program office as identified below. Program specific selections and explanations.

Z - Unique to LSAR and ICAPS software. Not a part of Provisioning Data Product format or LMI Specification (MIL-PRF-49506). **NOTE FOR THE PM: SEE SECTION 4 OF THE PMG FOR ADDITIONAL GUIDANCE IN SELECTING DATA REQUIREMENTS. This LMI Worksheet has been modified for Navy use.**

		DATA PRODUCT DELIVERABLES							
DPDN	**DATA PRODUCT TITLE**	**LLTIL**	**PPL**	**ISIL**	**TTEL**	**SCPL**	**DCN**	**SLPPL**	**ADDITIONAL INFORMATION**
0120	CHANGE AUTHORITY NUMBER						X		Record F, Block 66
0140	COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE		X	X			X		Record A, Block 5
0280	ESSENTIALITY CODE		X	X			X		Record A, Block 11
0370	INDENTURE CODE		A	A			A		Record A, Block 4
0480	ITEM NAME		X	X			X		Record A, Block 12. Change Field Length to 19X
0560	MAINTENANCE REPLACEMENT RATE I (MRRI)		X	X			X		Record C, Block 34
0690	NEXT HIGHER ASSEMBLY PROVISIONING LIST ITEM SEQUENCE NUMBER (NHA PLISN)		X	X			X		Record C, Block 29, Automatically assigned by ICAPS.
0820	PRIOR ITEM PROVISIONING LIST ITEM SEQUENCE NUMBER (PRIO ITEM PLISN)		X	X			X		Record C, Block 39, Automatically assigned by ICAPS
0830	PRODUCTION LEAD TIME (PLT)		X	X			X		Record B, Block 24
0870	PROVISIONING CONTRACT CONTROL NUMBER (PCCN)		X	X			X		Records A through M, Block 1
0890	PROVISIONING LIST ITEM SEQUENCE NUMBER (PLISN)		X	X			X		Records A through M, Block 2
0920	PROVISIONING REMARKS		A	A			A		Record H, Block 79,Change Field Length to 65X
0930	QUANTITY PER ASSEMBLY (QPA)		X	X			X		Record C, Block 32
0950	QUANTITY PER END ITEM (QPEI)		X	X			X		Record C, Block 33
1050	REFERENCE NUMBER		X	X			X		Record A, Block 6
1150	SAME AS PROVISIONING LIST ITEM SEQUENCE NUMBER (SAME AS PLISN)		X	X			X		Record G, Block 38, Automatically assigned by ICAPS
1170	SERIAL NUMBER EFFECTIVITY						A		Record F, Block 68
	SERIAL NUMBER EFFECTIVITY - FROM						A		
	SERIAL NUMBER EFFECTIVITY - TO						A		
1470	UNIT OF ISSUE (UI)		X	X			X		Record B, Block 18
1480	UNIT OF ISSUE CONVERSION FACTOR (UI CONVERSION FACTOR)		A	A			A		Record B, Block 20, Required if UI not equal to EA
1500	UNIT OF ISSUE/UNIT OF MEASURE PRICE (UI/UM PRICE)		X	X			X		Record B, Unit of Issue Price=Block 19. Unit of Measure Price=Block 17 (only if UM is assigned).
1510	UNIT OF MEASURE (UM)		A	A			A		Record B, Block 16. Guidance for assignment provided at PGC.

SUPPLEMENTAL PROVISIONING DATA PRODUCTS*

		DATA PRODUCT DELIVERABLES							
SDPDN	**DATA PRODUCT TITLE**	**LLTIL**	**PPL**	**ISIL**	**TTEL**	**SCPL**	**DCN**	**SLPPL**	**ADDITIONAL INFORMATION**
S008	COMPONENT IDENTIFICATION DATA (CID)^		X	X			X		Provide all available data. See ICAPS Help or PAFOS Chapter 4, Appendix K for definitions and Format requirements.
S019	MINIMUM REPLACEMENT UNIT (MRU)/FAILURE FACTOR II		X	X			X		3 N

* These Supplemental Data Products are not in the LMI Specification. See the narrative portion of this LMI Worksheet for definitions and format requirements.

^ See the Expanded Component Identification Data (CID) Format Table for detailed requirements.

SUMMARY TITLE: Engineering Data For Provisioning (EDFP)

SPECIFIC INSTRUCTIONS:

The Contractor shall identify and provide EDFP for all systems, equipment, and repair parts for all article(s) on contract. For items without a National Stock Number (NSN), recognized industry standard or government specification or standard, the following order of precedence is required for EDFP:

a. Technical Data equivalent to approved Product Engineering Drawings as defined in MIL-DTL-31000

b. Technical Data equivalent to in-process/incomplete Product Engineering Drawings as defined in MIL-DTL-31000

c. Commercial drawings

d. Commercial manuals, catalogs or catalog descriptions

e. Sketches or photographs with a brief description of dimensional, material, mechanical, electrical or other characteristics.

EDFP shall provide for the following:

a. Technical identification of items of maintenance support considerations
b. Preparation of item identification for the purpose of assigning National Stock Numbers (NSNs)
c. Review for item entry control
d. Standardization
e. Review for potential interchangeability and substitutability
f. Item management coding
g. Preparation of allowance/issue lists
h. Source, Maintenance, and Recoverability coding

EDFP shall not be provided when the item is:

a. Identified by a government specification or standard which completely describes the item including its material, dimensional, mechanical and electrical characteristics
b. Identified in Defense Logistics Information as having an NSN with salient characteristics identical to the item
c. Item is listed as a reference item (subsequent appearance of an item) on a parts list

DATA *NOT IN LMI* SPECIFICATION (Please provide the data product title, its definition and its format):

Engineering Data for Provisioning (EDFP) is engineering data used in the initial provisioning of support resources. EDFP is the technical data which provides definitive identification of dimensional, material, mechanical, electrical, or other characteristics adequate for provisioning of the support items of the end article(s) on contract. EDFP consists of data such as specifications, standards, drawings, photographs, sketches and descriptions, and the necessary assembly and general arrangement drawings, schematic, drawings, schematic diagrams, wiring and cable diagrams, etc., or what is sometimes referred to as form, fit, and function. EDFP format and content must be prepared in accordance with the latest industry standards and must be reproducible.

SUMMARY LAYOUT (if applicable): Government Provided Γ Contractor Provided Γ

PROVISIONING STATEMENT OF WORK

1.0 SCOPE. This Provisioning and Supply Support Statement of Work (SOW) specifies the Provisioning Technical Documentation (PTD) requirements this Navy acquisition contract.

2.0 APPLICABLE DOCUMENTS. The following documents apply to this acquisition.

2.1 MILITARY STANDARDS.

MIL-DTL-31000	Technical Data Packages (TDPs)
MIL-STD-129M	Marking for Shipment and Storage
MIL-STD-2073.1	Procedures for Development and Application of Packaging Requirements for DOD Material
ANSI MK 10.8	Material Handling Standard

2.2 OTHER DOCUMENTS.

NAVSEA Technical Specification 9090-1500, Policies and Procedures, Provisioning, Allowance and Fitting Out Support Manual, Chapter 4 (available at http://www.nslc.fmso.navy.mil/TechLog/PAFOS/PAFOS0.htm).

MIL-PRF-49506 of 11 Nov 96, Logistics Management Information (LMI) Performance Specification

OPNAVINST 4614.1F CH 2 of 28 Oct 95, Uniform Material Movement and Issue Priority System

NAVSUP Pub 437 of Jul 87, MILSTRIP/MILSTRAP

FAR 45, Federal Acquisition Regulations Government Property

SECNAVINST 5000.2B of 6 Dec 96, Implementation of Mandatory Procedures for Major and Non-Major Defense Acquisition Programs and Major and Non-Major Information Technology Acquisition Programs

3.0 PROVISIONING REQUIREMENTS.

3.1 PROVISIONING PROGRAM. The Contractor shall establish, implement, and maintain a Provisioning Program in accordance with this Statement of Work (SOW), the Data Item Descriptions (DID) DD Form 1664 and the Contract Data Requirements Lists (CDRL) DD Form 1423. The Contractor shall establish necessary procedures to assure that provisioning data is collected, tracked, and integrated into the provisioning data files described in paragraph 3.5.

3.3 PROVISIONING CONFERENCES.

3.3.1 CONFERENCES AGENDAS AND MINUTES. The Contractor shall be required to deliver the agenda and minutes for all provisioning related conferences.

3.3.2 PROVISIONING GUIDANCE CONFERENCE (PGC). The PGC is held to ensure mutual understanding of provisioning requirements and responsibilities. It is used to solidify the provisioning team's understanding of the provisioning system being used to develop and submit Provisioning Technical Documentation (PTD). The Contractor shall make facilities available at the Contractor's site for the PGC, which should be convened within 60 days after contract award. The Contractor and subcontractor personnel that will prepare the provisioning documentation shall

be required to attend. The attendees of the PGC shall thoroughly review the requirements of this SOW and be ready to present any questions and recommendations relative to the provisioning requirements. [For GFE contracts] The Contractor shall have prepared a system block diagram/family tree (refer to System Configuration Provisioning List [SCPL]) to facilitate the determination of the level to which PTD submission will be required.

3.3.3 LONG LEAD-TIME ITEM PROVISIONING CONFERENCE (LLTIPC). Requirements and criteria for the LLTIPC will be addressed during the PGC. The purpose is to identify those items with a production/acquisition time frame warranting early acquisition.

3.3.4 INTERIM SUPPORT ITEM PROVISIONING CONFERENCE (ISIPC). Requirements and criteria for the ISIPC will be addressed during the PGC or when the ISS option is exercised.

3.3.5 PROVISIONING CONFERENCE. The purpose of the Provisioning Conference is to finalize the technical and management coding of the Provisioning Data Products (PDP). Requirements and criteria for any provisioning in-process reviews leading up to the provisioning conference will be addressed during the PGC. The requirement and criteria for a Provisioning Conference will be addressed during the PGC. When the provisioning conference is required, the Contractor shall provide facilities unless the Government chooses to hold the conference at a Government facility.

3.4 PROVISIONING TECHNICAL DOCUMENTATION (PTD).

3.4.1 PROVISIONING SUBMITTAL. The Contractor shall provide PTD in accordance with this SOW, the LMI Worksheet, the associated DIDs, and the CDRLs for all Allowance Parts List (APL) worthy systems, equipment, components, and related engineering design changes and alterations (refer to Chapter 4, Appendices A and G of NAVSEA Technical Specification 9090-1500 (available at http://www.nslc.fmso.navy.mil/TechLog/PAFOS/PAFOS0.htm). Guidance for allowance documentation development for CaNDI is provided in Chapter 4, Appendix H of NAVSEA Technical Specification 9090-1500. PTD shall include CID, Data Product Deliverables and EDFP. PTD is required for all systems or equipment acquired for Navy use which have machinery or electronic circuitry parts that are subject to wear out, failure, or replacement and will require maintenance at the Organizational, Intermediate, or Depot (O, I, or D) level of maintenance. PTD shall be prepared for each unit (system, equipment, assembly, component) in accordance with the APL Worthiness Guidance found in Chapter 4, Appendix G of NAVSEA Technical Specification 9090-1500 and the Hull, Mechanical And Electrical (HM&E) Equipment APL Worthiness Guidance Exceptions. The Contractor shall develop and provide PTD for:

(a) any nonstandard equipment or component obtained from any source of supply unable to furnish PTD,
(b) any equipment or component which the Contractor manufactures or modifies,
(c) any equipment or component that the Government has disapproved the Statement of Prior Submission (SPS) and
(d) any unique or Special Purpose Test Equipment.

3.4.2 PTD SEQUENCING. Individual Provisioning List Item Sequence Numbers (PLISNs) shall be sequenced by one of the following methods:

a. Electronic Systems and Equipment. PTD for electronic systems and equipment shall be sequenced by reference designation.

b. Non-electronic Systems and Equipment. PTD for non-electronic systems and equipment shall be sequenced by indenture code.

c. Non-electronic Systems and Equipment having Electronic Components that are Designed with Reference Designations. Any non-electronic systems or equipment containing electronic components shall be sequenced by indenture code; however, the PTD for the electronic components in these systems or equipment shall be sequenced by reference designation.

3.4.2.1 INDENTURE CODES. The contractor shall assign indenture codes for all provisioning packages. Chapter 4, Appendix F of NAVSEA Technical Specification 9090-1500 provides an example of a breakdown in a HM&E equipment, and illustrates the relationship between Indenture Code, Quantity per Assembly, Quantity per End Item, and Part Number or Reference Number.

3.5 PTD DEVELOPMENT AND DELIVERY. Delivery of PTD must be in a format and media compatible with the government's Interactive Computer Aided Provisioning System (ICAPS) as specified in the Navy's LMI Worksheet. ICAPS was developed by the government for the purpose of developing and transmitting provisioning related data. It is available free of charge to contractor personnel as well as government agencies. Contractors are encouraged to take advantage of the opportunity to utilize this software which would eliminate any concern about compatibility of the contractor's system with ICAPS. Two versions of ICAPS are currently available. ICAPS Personal Computer – Windows (ICAPS PC-WIN) has incorporated the ability to produce formatted outputs that facilitate transmission of data from one provisioning activity to another. ICAPS Client-Server (ICAPS C/S) is a real-time database that enables all provisioning related activities to access and manipulate the data in the database. The Government will assist the Contractor in obtaining access to ICAPS if the Contractor chooses to use ICAPS for compiling PTD. The Government will provide ICAPS software at no cost to the Contractor. The ICAPS C/S and ICAPS PC-WIN software and supporting documentation are available for downloading from the ICAPS home page at Http://icaps.nctsjax.navy.mil/. The contractor shall contact the TSA to obtain user ID and password for access to ICAPS C/S. Although use of ICAPS simplifies the verification of the data development and submission process, the contractor has the latitude to utilize any system for development of the data. The Navy requires the PTD to be delivered in a format accepted by ICAPS. The ICAPS software is designed to support and accept data in MIL-STD-1552A and MIL-STD-1388-2A/2B (LSA-036) and LMI formats. LMI format is defined in the LMI Worksheet. If a non-ICAPS system is utilized, it must be able to produce a structured formatted text or flat file in accordance with the direction contained in the LMI Worksheet. Incremental data submissions are possible, but only at the component level.

3.6 STATEMENT OF PRIOR SUBMISSION (SPS). The Contractor shall submit an SPS by providing Component Identification Data (CID) in accordance with the requirements of paragraph 3.7.2. The SPS shall apply to the end item, or to any component thereof, and it shall provide total identification of the system, equipment or component. By submitting an SPS, the contractor certifies all of the following:

- PTD which may satisfy the requirements of the contract has previously been furnished to the Government for the system, equipment or component being procured. (When an SPS is submitted without an APL identified, the submitter shall identify the Procurement Contract Control Number (PCCN), the submittal date and the government agency to which the PTD was previously submitted.)
- The required maintenance philosophy is fully supported.
- All replacement parts are 100% identical to those provided by the previously furnished PTD.

If there are maintenance philosophy/part differences, an SPS with Differences shall be submitted as a DCN with supporting EDFP which identifies the differences. The SPS with Differences shall identify the changed part numbers from before the change as deletions and the new part numbers as additions. The government shall reject an SPS if it does not meet both the data and certification requirements of this contract. If an SPS is rejected, the contractor shall be required to submit a new provisioning package which meets the requirements of paragraph 3.4.1.

3.7 COMPONENT IDENTIFICATION DATA (CID). The CDRLs and LMI Worksheet specify the data, format and media requirements for CID. The Contractor shall use CID to submit identification data for all systems and equipment. CID shall be delivered concurrently with every submittal of Data Product Deliverable. The Contractor shall use CID for submittal of Provisioning Header Data, Statements of Prior Submission (SPS), and Advance RIC requests.

3.7.1 PROVISIONING HEADER DATA CID. The Contractor shall submit header data with each provisioning project. For Provisioning Header Data, the Contractor shall submit the provisioning data products specified in the LMI Worksheet for each PCCN. The data shall provide the Navy sufficient end item information to identify the system or equipment, the applicable contract, and the planned installations.

3.7.2 STATEMENT OF PRIOR SUBMISSION (SPS) CID. To satisfy the data and delivery requirements of SPS for GFE and CFE, the Contractor shall submit the provisioning data products specified in the LMI Worksheet.

3.7.3 ADVANCE RIC CID. The Contractor shall use CID to submit the data required to request an Advance RIC for any system or equipment that will not have PPL or a PAL request submitted in time for configuration identification. The Contractor shall submit the provisioning data products specified in the LMI Worksheet. Additionally, the following information shall be provided in the Characteristics Data field:

a. Name of person requesting the Advance RIC
b. Command or Activity
c. Date Advance RIC was requested
d. Scheduled date for complete PTD to be provided to the NAVSEA TSA
e. Applicable system/function, if known

The timeframe requiring an Advance RIC request shall be in accordance with the CDRL.

3.8 TOOLS AND TEST EQUIPMENT. Tools and test equipment built-in as an integral part of the equipment shall always be included in the PPL for the equipment.

3.9 ENGINEERING DATA FOR PROVISIONING (EDFP). EDFP is required for all systems or equipment that are acquired for Navy use and for which PTD is being acquired. EDFP is the data acquired by contract to support LMI supportability analysis. It is the technical data that provides definitive identification of dimensional, material, mechanical, electrical, or other characteristics adequate for provisioning of the support items of the end article(s) on contract. EDFP consists of but is not limited to data such as specifications, standards, drawings, photographs, sketches and descriptions, and the necessary assembly and general arrangement drawings, schematics, drawings, schematic diagrams, wiring and cable diagrams, etc. This data is necessary for the assignment of Source, Maintenance, and Recoverability (SMR) codes to assignment of Item Management Codes, prevention of proliferation of identical items in the Government inventory, maintenance decisions, and item identification necessary in the assignment of a National Stock Number (NSN).

EDFP is used to accomplish the provisioning process and is required to perform provisioning when MIL-T-31000 is not on contract. It is important to emphasize that DOD policy is to use the existing Technical Data Package MIL-DTL-31000 contract requirements, *if part of the contract*, to support the provisioning process. Generally, this can be done by acquiring copies of products being developed for the MIL-DTL-31000 DIDs (DI-DRPR-81000 or DI-DRPR-81003) at the time of the provisioning events for cost of reproduction and delivery without regard to completeness of the drawing. EDFP shall be provided from the Technical Data Package CDRLs for DIDs DI-DRPR-81000 or DI-DRPR-81003 tailored to support the provisioning process and delivered concurrent with PTD. However, if CDRLs for these two DIDs are *not* part of the contract, the Contractor shall provide the EDFP in accordance with CDRL(s) for DID DI-ALSS-81530. EDFP shall not be provided when the item is identified in the Defense Integrated Data System with a type item identification of 1, 1A (K), or 1B (L) or (3) the item is listed as a reference item (subsequent appearance of an item on a parts list).

3.10 MANUFACTURER'S COMMERCIAL MANUALS. The Contractor shall provide the manufacturer's commercial manuals. These manuals will be used to supplement EDFP and the provisioning data. This requirement applies only if commercial manuals are available. If no commercial manual exists for the equipment or component, then this requirement for that equipment or component will be waived.

3.12 VENDORS/SUBCONTRACTORS. When the prime contractor buys end articles or a portion thereof from a vendor/subcontractor, the prime contractor shall impose this specification upon its vendors/subcontractors. The inclusion of the requirement for such data on contractor's subcontracts/purchase orders to its vendor/subcontractors does not relieve the prime contractor of its obligation to insure timely delivery of the required Provisioning Data Products, EDFP, and other provisioning deliverables.

3.19 DESIGN CHANGE NOTICE (DCN). The contractor shall notify the TSA of all changes, whether of a production or modification type, which are approved for incorporation into the end item and which modify, add to, delete, or supersede parts in the end item or its supporting equipment. When an approved engineering design or production change requires new identification as specified in DoD-STD-00100D (AR), paragraph 402.14, the contractor shall submit PTD revisions via DCNs in accordance with the following:

a. When the approved change affects interchangeable repairable assemblies so as to introduce non-interchangeable parts, identify the part number before the change as a deletion and the part number after the change as an addition.
b. Change and document the part number of the next higher assembly, and those of all progressively higher assemblies, up to the assembly where interchangeability is reestablished. PTD shall include the interchangeable assembly.
c. EDFP is not required for deleted items.
d. Changes that occur after PTD has been delivered shall be documented as a revision to the applicable PTD.

When the design change significantly impacts the system or equipment configuration, and when directed by the Administrative Contracting Officer, a changed system or equipment shall be provisioned as a new end item and documented by PTD with associated EDFP.

3.20 INTERIM SUPPLY SUPPORT (ISS) PROVISIONING REQUIREMENTS. If the ISS option is exercised, Interim Support Item Lists (ISILs) will be required which will provide a parts breakdown of the system or equipment using mandatory data elements for each part. The specific data elements required to determine ISS requirements are identified in the LMI Worksheet attached to the contract. The contractor shall utilize the same data development and submission methodology for ISS as required for the remainder of the provisioning related data.